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NAVAL AIR SYSTEMS COMMAND  
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IN REPLY REFER TO  
NAVAIRINST 13100.11B  
AIR-1.1  
7 Aug 03

NAVAIR INSTRUCTION 13100.11B

From: Commander, Naval Air Systems Command

Subj: PREPARATION OF WEAPON SYSTEMS PLANNING DOCUMENTS

Ref: (a) NAVAIRINST 5400.1C  
(b) NAVAIRINST 13670.1B  
(c) OPNAVINST 3110.11T

Encl: (1) Instructions for Preparation of Weapon System Planning Documents  
(Aircraft) w/applicable forms  
(2) Instructions for Preparation of Weapon System Planning Documents  
(Airborne Missiles, Targets, Ordnance, Unmanned Aerial Vehicles, and other  
Systems) w/applicable forms

1. Purpose. To establish policy, responsibilities, and procedures for the preparation and issuance of Weapon System Planning Documents (WSPDs).

2. Cancellation. This instruction supersedes NAVAIR Instruction 13100.11A of 13 December 1990. Since this is a major revision, changes are not indicated.

3. Scope. This instruction applies to the Naval Air Systems Command (NAVAIR) and the Naval Aviation Program Executive Officers (PEOs).

4. Background. Reference (a) assigns the Deputy Commander for Acquisition and Operations (AIR-1.0) responsibility for developing policy and procedural guidance in support of major systems acquisition and for establishing planning systems to meet the needs of all acquisition programs. Accordingly, the WSPD has been devised to publish base loading, logistics, and other weapon system planning data concerning naval aircraft and airborne weapons/equipment (including missiles, targets, ordnance, and other systems) for NAVAIR, PEOs, other areas of the Department of the Navy (DON), and other government agencies as required. The WSPD is a basic policy and planning document, published by NAVAIR, and produced to provide direction and guidance for program planning, budgeting, and execution in the development, acquisition, operation, and logistics support of aircraft and airborne weapons/equipment. The planning data is used by NAVAIR, PEOs, other systems commands (SYSCOMs), the Naval Inventory Control Point (NAVICP) and other fleet commands and shore activities. WSPDs include planned procurements, delivery schedules, system inventories and inventory objective, base loading data, test and evaluation plans, supplemental and contingency support

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requirements, rotational site support, shipboard support, maintenance plans, planning factors, authorized weapons expenditures, material support and training policies, training equipment plans, mobile facilities, and other related logistics support planning information. To ensure congruity, it is essential that the various groups and offices involved in these actions utilize the common planning base provided by the WSPDs.

#### 5. Policy

a. WSPDs are prepared and published as NAVAIR notices for Navy and Marine Corps aircraft and airborne weapons/equipment which are either undergoing major modification or are included in the procurement Future Years Defense Program (FYDP). WSPDs are revised periodically to reflect significant changes that occur in the programs.

b. Each WSPD represents the Navy/Marine Corps official stance on a given aircraft or airborne weapons platform/equipment. Prior to issuance, the contents of the WSPD is agreed upon by all cognizant offices, system commands, program managers, coordinators, system managers, and other functional support offices. For joint service programs, the plans are coordinated with other services/systems commands as required.

#### 6. Funding

a. The concept of the WSPD is to show a realistic plan that is executable. Prior to publication, it is mandatory that the appropriate Office of the Chief of Naval Operations (OPNAV) offices review the final draft WSPD. This is to ensure that all planning data contained in the document is supported by approved funding as reflected by the Office of the Secretary of Defense (OSD) budget.

b. On an exception basis, unfunded logistics support, i.e., support equipment and Aviation Consolidated Allowance List items requiring Aircraft Procurement, Navy (APN-7 or APN-6) funding, may be entered into the WSPD provided the following steps are taken.

(1) The inclusion of such information must represent a justifiable requirement and must be approved through appropriate NAVAIR/PEO and OPNAV offices.

(2) All such data must be clearly identified and labeled "unfunded"; (i.e., "This requirement is currently unfunded").

(3) A statement must be made as to the procedure planned for obtaining approval of funds to support the unfunded plans (i.e., Will be submitted as a fiscal year (FY) 03 Program Objective Memorandum (POM) issue).

(4) The unfunded support should be placed in the WSPD in a time frame that allows sufficient lead time for approval of funds and production and delivery of material.

(5) The procedure planned for obtaining approval of funds will be monitored by the cognizant NAVAIR or PEO program manager to ensure that correct information is reflected in the WSPD. After identification of funds and notification from the cognizant program manager, AIR-1.1 will amend the WSPD to reflect the executable plan.

## 7. Responsibilities

a. Program Management Support Department (AIR-1.1). (Program Management, Procurement Management Policy and Processes Division (AIR-1.1.2) serves as the focal point within AIR-1.1 for WSPD management and coordination responsibilities). As the process manager for WSPDs, AIR-1.1 will:

(1) prepare and approve WSPDs for Navy and Marine Corps aircraft and airborne weapons/equipment entering the inventory, following the detailed instructions provided in enclosures (1) and (2);

(2) develop and interpret policies, procedures, and content for the WSPDs;

(3) conduct ongoing reviews of WSPDs to assess accuracy of data, determine need for updates, and initiate revisions to the WSPDs;

(4) serve as the command focal point to manage the WSPD review and approval process;

(5) provide applicable planning factors, procurement information, inventory and operating levels, weapon assignments, base loading planning data, and flying hour programs for inclusion in WSPDs;

(6) serve as the command focal point for coordinating the WSPD review/approval process with OPNAV and forwarding final draft WSPDs to cognizant OPNAV offices and aircraft/weapon system program coordinators/requirement officers to obtain review and approval by the appropriate OPNAV officer prior to AIR-1.1 WSPD approval/signature and publication; and

(7) issue e-mail changes and/or change transmittals to revise WSPD data when urgency dictates, to expedite authoritative planning guidance until a formal WSPD update is provided.

b. Test and Evaluation Department (AIR-1.6) provides coordination of aircraft test data displayed in the WSPD on NAVAIR Form 13100/12B.

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c. Program Managers, and System Managers will:

(1) review the content of applicable WSPDs prior to publication for compatibility with program objectives and to ensure currency of data;

(2) fund and execute facilities cost/benefit analyses for new aircraft entering the Navy inventory including alternate siting of aircraft, fleet replacement squadrons, and maintenance and operator training devices. These analyses must comply with the criteria set forth in Department of Defense 5000 series documents and be accomplished prior to issuance of an approved WSPD;

(3) provide assistance to AIR-1.0 in reconciling differences between members within their respective teams on matters relating to WSPDs;

(4) provide plans and schedules for modification of aircraft and airborne weapons/equipment;

(5) coordinate with Air Launch and Recovery Equipment (PMA251) to determine what shipboard modifications may be necessary to support new/modified weapons systems;

(6) provide production schedules consistent with the planned procurement of targets;

(7) provide weapon reliability factors; and

(8) provide necessary data concerning production capability, facilities, and special tooling consistent with the planned procurement of targets.

d. Assistant Commander for Logistics (AIR-3.0) and Assistant Commander for Industrial Operations (AIR-6.0) will provide:

(1) necessary data concerning maintenance support levels and policy, material support policy, rework policy, testing facilities, test and evaluation plans, mobile facilities, and engine support for aircraft WSPDs;

(2) necessary liaison with OPNAV offices and United States Marine Corps Headquarters (Code ASL) to obtain approval on all material support and supplemental support requirements prior to entry into the WSPD; and

(3) necessary data concerning maintenance support levels, material support policy, periodic checkout, rework policy, and shelf life for airborne weapons/equipment WSPDs.

e. Systems Engineering Department (AIR-4.1) will provide:

(1) production schedules consistent with the planned procurement of aircraft, airborne missiles, ordnance, and other weapon systems SE;

(2) required assistance to the program and systems managers to establish weapon reliability factors;

(3) data analysis concerning production capability, facilities, manpower, subcontractor/supplier management and special tooling and test equipment consistent with the planned procurement of aircraft, airborne missiles, ordnance, and other weapon systems; and

(4) analysis of quality system consistent with the planned procurement of airborne missiles, ordnance, and other weapon systems.

#### 8. Action

a. Addressees will advise AIR-1.1 of program developments affecting the validity or currency of WSPDs. In order to maintain the integrity of WSPD planning data, the documents must be reviewed periodically between major updates by addressees particularly regarding the existence of sufficient approved funding to allow execution of the WSPD.

b. Addressees will take necessary action to comply with the responsibilities and procedures outlined in this instruction.

9. Forms. WSPDs will be prepared using NAVAIR forms listed below, which may be obtained from the Program Management, Procurement Management Policy and Processes Division (AIR-1.1.2). These forms are included in enclosures (1) and (2), and will also be available on the NAVAIR web site.

NAVAIR/USMC <u>Form No.</u>	Title <u>Weapon System Planning Data</u>
13100/12A	Procurement, Inventory, Milestones (Aircraft)
13100/12B	Test Program (Aircraft)
13100/12C	Assignments and Base Loading (Home Port/Rotational) (Aircraft)
13100/12C-1	Assignments and Base Loading (Home Port/Rotational) (Aircraft) (Continuation)
13100/12D	Assignments and Base Loading (Carrier Employment) (Aircraft)
13100/12E	NAVAIR Depot Activities (Aircraft)
13100/12H	Training Policy and Equipment (Aircraft)
13100/12I	Mobile Facility (Aircraft)
13100/12J	Planning Factors/Flying Hours/Maintenance and Spare Parts Support Policy (Aircraft)

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NAVAIR/USMC  
Form No.Title  
Weapon System Planning Data (Cont'd)

MALSPA, B, C	Marine Aviation Logistics Support Program (MALSP) Allowance Categories/Allowances
13100/13A	Procurement and Status of Complete Weapon (Airborne Missiles, Targets, Ordnance and Systems)
13100/13A-1	Procurement and Status of Complete Weapon (Airborne Missiles, Targets, Ordnance and Systems)
13100/13B	Assignments and Base Loading (Airborne Missiles, Targets, Ordnance and Systems)
13100/13C	Component Procurement Plan (Airborne Missiles, Targets, Ordnance and Systems)
13100/13D	Planning Factors (Airborne Missiles, Targets, Ordnance and Systems)
13100/13E	Material Support (Airborne Missiles, Targets, Ordnance and Systems)
13100/13F	Periodic Checkout and Rework (Airborne Missiles, Targets, Ordnance and Systems)
13100/13G	Support Equipment Planned Allocation (Airborne Missiles, Targets, Ordnance and Systems)

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INSTRUCTIONS FOR PREPARATION OF  
WEAPON SYSTEM PLANNING DOCUMENTS (AIRCRAFT)

1. Format

a. Identification. NAVAIRNOTE 13100 will be identified on all pages of the WSPD, (followed by other applicable identification), security classification (if classified, normally FOR OFFICIAL USE ONLY), group marking, and date of preparation. The DATE PREPARED block of each form should be left blank during the NAVAIR/PEO and OPNAV review cycle. During this review cycle, the date of the draft WSPD will be marked on the cover page only. Upon final approval, the DATE PREPARED block will be completed using the date of the formal WSPD signature.

b. Contents. All WSPDs will include a cover page (which will state the reference source for data contained therein (i.e., January 2003 FYDP)), a table of contents, a listing of significant program points of contact, glossary of acronyms, a system description, and applicable NAVAIR Forms 13100/12A through 12E, and 12H through 12J. All pages will be numbered consecutively.

2. NAVAIR Form 13100/12A, Weapon System Planning Data Procurement, Inventory, Milestones (Aircraft). NAVAIR Form 13100/12A will be completed using the following guidance (Note: Every attempt should be made to reflect the entire procurement, delivery, inventory, and operating aircraft data for any given type, model, and series aircraft. If this is not possible due to lack of space, then all data associated with the current FYDP procurement will be shown):

a. Aircraft Model Designation. Enter the model designation of the applicable aircraft.

b. Prime Contractor. Enter the name of the contractor who has total responsibility for manufacture and delivery of the aircraft.

c. Power Plant. The model and quantity of power plants per aircraft will be shown in this block (e.g. J52-P-6B(2)). All models authorized should be shown (e.g., T58-GE-8B(2)/T58-GE-408). When possible, the introduction of new engines should be indicated in the delivery schedule (see paragraph 2e(3) below).

d. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.

e. Section A - Procurement. Data for the procurement section may be obtained from the Comptroller Department (AIR-10.0), Budget Formulation, Justification, and Execution Division (AIR-10.1), Managerial Accounting Division (AIR-10.2), and Program

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Managers/PEOs, and will be based on the most current edition of the OSD approved FYDP (January edition).

(1) Total Acceptance Prior to (date and number)

(a) Aircraft deliveries that have been made prior to date of WSPD, enter the first day of the current month and year. Then enter the number of aircraft delivered prior to that date.

(b) Aircraft deliveries which begin at a future date, enter the first day of the month and year in which deliveries are scheduled. Then enter "O" for the number of prior acceptances.

(2) Fiscal Year, Number and Procurement Authority. Make entries per the following: subtract one year from the year shown in the "TOTAL ACCEPTANCES PRIOR TO" block, and enter this figure on the first line in the FY column. Opposite this, in the number column, show the cumulative procurements. If deliveries have been completed, enter "COMPLETED." Then repeat this sequence, making entries for the following FY buys, and list descriptive data such as "January 2003 FYDP," "PLANNED," etc.

(3) Delivery Schedule. The delivery schedule will be based on the procurements referred to in paragraph 2e(2) above. Total production deliveries will equal total procurement; therefore, the sum of the numbers of aircraft shown in the "TOTAL ACCEPTANCE PRIOR TO" block and under "DELIVERY SCHEDULE" blocks should be equal to the total number of aircraft listed in the "NUMBER" column in the "PROCUREMENT" block. A slash (/) should be used to indicate the end of delivery for a FY procurement. Adjustments for current slippages authorized by the program manager, program coordinator should be reflected in the "DELIVERY SCHEDULE." Calendar delivery year of the "DELIVERY SCHEDULE" will be listed opposite FY buys shown in the "PROCUREMENT" section. Enter the calendar year (CY) and then the scheduled deliveries, by month. The first monthly entry will be for the same month shown in "TOTAL ACCEPTANCES PRIOR TO" block.

f. Section B - Inventory

(1) Aircraft Inventory and Operating Quantities (at the end of FY periods). Normally, the aircraft inventory and operating quantities will be listed in quarterly time periods for the first 4 years and thereafter in semiannual increments, commencing with the current quarterly period and continuing consecutively through CY delivery periods corresponding to the time period covered by the effective FYDP. The first entry listed will be for that quarterly time period in which the date shown in the "TOTAL ACCEPTANCES PRIOR TO" block falls. Subsequent entries will be for consecutive time periods as stated above.

(2) Total Overall Aircraft Inventory (TOAI). TOAI comprises all aircraft that have



been accepted. Inventory numbers may be obtained from OPNAV via the Aircraft Program Data File (APDF) and the U.S. Navy Aircraft Inventory Budget Exhibit A-II, which are the primary sources for projected data. Caution must be exercised to ensure that data obtained from any of these publications are current.

(3) Government Furnished Property/Bail/Lease/Loan/Other. Those aircraft assigned for testing purposes as government furnished property (GFP) or by bailment/loan/lease agreements or other contractual arrangements. These aircraft are utilized in a non-program status.

(4) Inactive Aircraft Inventory (IAI)/Stored SLNC. Aircraft in storage status are usually aircraft in excess of total pipeline and operating requirements and should be labeled force level assurance aircraft. If other than stored aircraft, label the exact status of these assets.

(5) Total Active Aircraft Inventory (TAAI). This line is derived by adding Reconstitution Reserve Aircraft Inventory, Backup Aircraft Inventory (BAI), and Primary Aircraft Authorization (PAA).

(6) Reconstitution Reserve Aircraft Inventory. Aircraft stored or on the ramp which are planned for return to the operating forces in the event of mobilization, replacement, or reconstitution.

(7) Backup Aircraft Inventory (BAI) Pipeline. Aircraft quantities shown on this line are in support of standard depot level maintenance (SDLM) and other special rework, and are derived from factors provided by OPNAV.

(8) Primary Aircraft Authorization (PAA) Operating. These quantities are derived by adding COMNAVAIRLANT, COMNAVAIRPAC, COMNAVAIRES, CNATRA, NAVAIR Fleet Support/Staff (FS/STF), and NAVAIR (T&E) aircraft. This includes all aircraft allocated for flight operations pursuant to authorized operating allowances or programs. This information can be obtained from the sources noted in paragraph 2f(2) above, principally the U.S. Navy Aircraft Inventory Budget Exhibit A-II.

(a) Aircraft Quantities shown opposite "COMNAVAIRLANT," "COMNAVAIRPAC," etc. represent those aircraft assigned to these controlling custodians, based on guidance received from OPNAV and fleet commands.

(b) Aircraft shown opposite "NAVAIR (FS/STF)" are PAA aircraft undergoing SDLM, loan, storage, or assigned for administrative purposes.

(c) Aircraft shown opposite "NAVAIR T&E" are PAA aircraft assigned for test and/or support purposes as differentiated from GFP/Bail/Loan/Other.

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g. Section C - Milestones. Enter the estimated date (month and year) for the milestone events shown. The date for the fleet introduction (first aircraft) should represent the date by which the first aircraft of the authorized allowance will be in the reporting custody of the operating unit. If otherwise, specify.

h. Remarks. The REMARKS section should be used for comments, which clarify data contained on NAVAIR Form 13100/12A.

3. NAVAIR Form 13100/12B, Weapon System Planning Data, Test Program (Aircraft). Data to be entered on this form is largely provided by AIR-1.6/cognizant PMA from the appropriate Test and Evaluation Master Plan. This form will be completed using the following guidance (Note: Since this data also appears on NAVAIR Form 13100/12C, the TEST PROGRAM form is required only when there are significant changes planned in the custodian, location, or test status of the aircraft involved):

a. Aircraft Model Designation. Enter the model designation of the applicable aircraft.

b. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.

c. Aircraft (Assigned to Test Program). Only aircraft in research, development, test and evaluation (RDT&E) status are to be shown.

(1) Serial Number. Enter the serial number of each aircraft assigned to test programs.

(2) Production Number. Enter the production number of each aircraft assigned to test programs.

(3) Average Flight Hours Per Month. In this column, show the average flight hours per month planned for each aircraft listed. (Optional entry; source: \_\_\_\_). If used, state source of flight hour estimates.

d. Custodian. The custodian is the activity (contractor or service unit) to which the aircraft is assigned for test, and will usually be the reporting custodian. Show custodian for each aircraft assigned to the test program.

e. Location. List geographical location (city or base) of each aircraft assigned to the test program.

f. Calendar Year XXXX. Fill in appropriate CY columns with data reflecting time periods aircraft will undergo test. Starting with the CY quarter in which tests are scheduled to commence, show the length of time the aircraft will be assigned to the custodian at the location indicated by drawing a straight horizontal line from the starting quarter to the quarter scheduled for use of suitable alphabetical symbols (e.g., A. Initial

Operational Test and Evaluation (IOT&E), B. Follow-on Operational Test and Evaluation (FOT&E), C. Fleet Readiness Squadron (FRS) training, etc.). Explain symbols used at the bottom of form under "ABBREVIATIONS/SYMBOLS (DEFINITIONS)." Indicate the ultimate disposition of each aircraft, i.e., assignment to the fleet, indefinite bailment, etc., by appropriate symbol or notation.

g. Quarterly Total. Enter in the appropriate blocks the number of aircraft assigned to the test program at the end of each quarterly time period.

h. Abbreviations/Symbols (Definitions). Enter and define the abbreviations, symbols, and notations used to complete this form.

4. NAVAIR Form 13100/12C, Weapon System Planning Data, Assignments and Base Loading (Home Port/Rotational) (Aircraft). NAVAIR Form 13100/12C will be completed as follows:

a. Aircraft Model Designation. Enter the model designation of the applicable aircraft.

b. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed).

c. Base, Activity, or Unit. Aircraft shown will normally be those assigned to reporting custodians following guidance received from the Chief of Naval Operations, Commandant of the Marine Corps, and fleet commands. Entries will show data in the following order:

(1) Total Operating Aircraft. The sum of all aircraft shown below, except those quantities shown under the heading ROTATIONAL SITES (paragraph 4c(4) below) or other deployment support elements. This figure, entered quarterly by CY for the first 4 years and semiannually for the remaining years, should correspond to the sum of PAA and operating aircraft in GFP/Bail/Loan/Other categories shown on NAVAIR Form 13100/12A.

(2) Aircraft Assigned to Test Activities. Show GFP/Bail/Loan/Other sites, activities and associated aircraft, followed by RDT&E sites, activities, and associated aircraft.

(3) Aircraft Assigned to Fleet Activities. Show fleet operating sites, activities and associated aircraft.

(4) Rotational Sites. Operating aircraft deployed to a shore station other than their home port on a semi-permanent, occasional, or temporary basis for special operations and training, limited operations, or while in transitory status are defined as rotational aircraft. The sites to which these aircraft are deployed are defined as ROTATIONAL SITES. Quantities shown for ROTATIONAL SITES indicate additional

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support requirements in respect to the normal home port/operational support inventory (OSI). The quantities shown for each period should be the average number of aircraft requiring support at each site at a given point in time. Since aircraft quantities shown under ROTATIONAL SITES constitute a portion of the numbers included as home port totals, they should not be added to TOTAL OPERATING quantities.

(5) Contingency Support. Indicates support provided for contingency plans which require aircraft to operate geographically separated from their parent supporting activity for limited (15 to 90 days) periods. Aircraft quantities are shown, with associated Headquarters and Maintenance Squadron, squadrons or detachments, to indicate the order of magnitude of support provided in addition to normal home port OSI. The quantities shown are not added to TOTAL OPERATING quantities.

d. Maintenance Support Level. Maintenance support level is the level of support to be provided activities for maintenance of assigned aircraft at a particular location. The support levels to be noted in these columns are provided by the NAVAIR Logistics Management Department (AIR-3.1). Entries must follow the legend at the bottom of the form, or appropriate notes.

e. Operating Quantities (at the end of time periods). The primary goal of the data to be entered here is to project the point in time of maximum operating quantities, which is at or prior to the period of last production deliveries.

(1) Calendar Year XXXX. Enter the appropriate CY, normally corresponding to those shown under AIRCRAFT INVENTORY AND OPERATING QUANTITIES on NAVAIR Form 13100/12A.

(2) March, June, September, December. Quarterly entry of PAA, GFP/Bail/Loan/Other operating aircraft for the first 4 years and semiannually for the remaining years. These quantities are provided for each base, activity, or unit.

f. General Notes. No prescribed format. Essential data will normally consist of remarks either amplifying or qualifying the standard legend used in NAVAIR Form 13100/12C. Important examples are listed below:

(1) Contingency Support. Standardized notes should be developed to indicate range and depth of support (number of squadrons or detachments, number of aircraft, and operating periods), what the contingency support package is required to do, what level of support is to be provided, and from where the support will be drawn.

(2) Maritime Prepositioned Ships (MPS's) Support. In each of the WSPDs, the following statement will be inserted on the base loading note page or included in the "General Notes" on USMC Aviation Logistics Support Program and Definitions for an aircraft that is part of the MPS's/Air Combat Elements (ACE's):

(a) General. \_\_\_\_\_ aircraft will be part of a Marine Air Ground Task Force (MAGTF) ACE supported in combination by one, or more, of the three squadrons of T-AKX MPS and one of the two aviation logistic support (T-AVB) ships. For additional information relating to the number of aircraft involved and the MPF/ACE support concept refer to: Maritime Prepositioning Ships, United States Marine Corps Aviation Combat Element Program Planning Document, NAVAIR Notice 5200 (latest edition). MPF support considerations involve the logistics requirements as stated in paragraphs (b) and (c) listed below.

(b) Supply Support. Each T/M/S squadron, or MPF/ACE, is authorized an "O" level fly-in support package (FISP) to support the ACE fly-in echelon until "I" level maintenance capability arrives in the theater of operations, usually aboard the T-AVB.

(c) Support Equipment. "O" level support equipment have been funded, procured, and prepositioned aboard the three MPF squadrons for the present mix and configuration of ACE aircraft. In addition, the "O" level supply support for repair of embarked MPF SE will be contained in a SE package held aboard the ship. Any additional MPF/ACE "O" level SE/common support equipment (CSE)/peculiar support equipment (PSE) requirements and "O" level supply support resulting from the introduction of new aircraft/aircraft equipment are handled in three steps. These steps are: (1) it must be budgeted, (2) purchased, and (3) provided by the cognizant NAVAIR/PEO program manager or equipment manager (as appropriate) for pre-positioning aboard the three squadrons of MPS T-AKs.

5. NAVAIR Form 13100/12C-1, Weapon System Planning Data, Assignments, and Base Loading (Home Port/Rotational) (Aircraft) (Continuation). NAVAIR Form 13100/12C-1 is used as a continuation of NAVAIR Form 13100/12C when planning data requires additional pages. Instructions for the use and completion of this form are identical to those that apply to NAVAIR Form 13100/12C.

6. NAVAIR Form 13100/12D, Weapon System Planning Data, Assignments and Base Loading (Carrier Employment) (Aircraft). NAVAIR Form 13100/12D will be completed using the following guidance (Note: This form will usually be comprised of two pages; one depicting ships assigned to the Atlantic Fleet, the other depicting ships assigned to the Pacific Fleet, and the forms should be identified accordingly):

a. Aircraft Model Designation. Enter the model designation of the applicable aircraft.

b. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.

c. Carrier, Squadron, or Unit. Enter "ATLANTIC FLEET" or "PACIFIC FLEET" as appropriate. Then enter the name of the vessel, hull number, and designation of the squadron(s) or unit(s), if known, that are assigned to that particular vessel.

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d. Maintenance Support Level. Same procedure as in paragraph 4d above.

e. Calendar Year XXXX (five major columns). These columns reflect carrier deployment, major yard schedules, construction periods, and length of time the assigned squadron or unit will be embarked. Opposite the carrier name, enter the symbols that describe the carrier operations for each month that the carrier will be in that particular status. In addition, symbols will be provided to indicate aviation consolidated allowance list/individual material readiness list and installed SE requirements. These symbols will correspond to those in the "LEGEND" at the bottom of the form. Opposite the squadron or unit show the length of time the squadron or unit will be assigned to the carrier by drawing a straight horizontal line between the beginning and ending dates of the assigned period, with the number of aircraft assigned to the squadron or unit centered between these two dates. The following criteria must be met for those squadrons or units assigned to carriers for the first time with new model aircraft.

(1) The carrier must be available for the embarkation of the squadron or unit. (If the carrier is in regular overhaul, restricted availability or deployed, it is not considered available).

(2) Carriers, amphibious assault and air capable ships must be outfitted with all necessary support required to fully support new/modified systems. Coordination shall be maintained with PMA251 to track integration of all necessary shipboard modifications.

(3) The squadron or unit must be operationally trained for deployment aboard the carrier.

7. NAVAIR Form 13100/12E, Weapon System Planning Data, NAVAIR Depot Activities (Aircraft). NAVAIR Form 13100/12E will be completed by NAVAIR, Assistant Commander for Logistics (AIR-3.0) to indicate the authorized maintenance levels available at each activity for each model or series aircraft and when these activities are planned to be capable of performing the maintenance levels indicated. The form is self-explanatory.

8. NAVAIR Form 13100/12H, Weapon System Planning Data, Training Policy and Equipment (Aircraft). Data to complete this form are provided by the Aviation Training Systems Program Manager Air (PMA205). The form is self-explanatory.

9. NAVAIR Form 13100/12I, Weapon System Planning Data, Mobile Facility (Aircraft). Data to complete this form are provided by AIR-3.1 and will be provided using the following guidance (Note: Data on this page will apply only to Mobile Facilities (MF's) procured to support exclusively the aircraft covered by each individual WSPD):

- a. Aircraft Model Designation. Enter the model designation of the applicable aircraft.
- b. Total Procurement Quantity. Enter the total number of MF's procured and/or planned for procurement in support of the aircraft model.
- c. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.
- d. Procurement. The FY applies to the year in which funds have been or will be budgeted for the quantities indicated.
- e. Command Custody. Enter the major operating commands that have controlling custody.
- f. Location. Enter the current or planned location of MF's. If the location is unknown enter "To be determined" or if the MF's are to be assigned to different locations, enter "VARIOUS."
- g. Delivery. This represents the date by which the MF's should be on site and operationally ready. Normally, this date would coincide with or be prior to the dates by which aircraft are assigned to the supported activity. If the MF is on site and included in the "TOTAL PROCUREMENT QUANTITY" the entry should read, "On Site."
- h. Maintenance Level. Enter the appropriate symbol as indicated by the legend at the bottom of the page.
- i. Aircraft Quantity. Enter the average number of operating aircraft for which support will be required. (Normally, this number would be the same or less than one squadron's authorized operating allowance).
- j. Category. Each MF is classified dependent on its individual function. Enter the appropriate category of MF as defined in reference (b), NAVAIR Instruction 13670.1B, Naval Air Systems Command Mobile Facilities (MF) Program.
- k. Systems Support. Use this column for an appropriate symbol (i.e., S-1/S-2) that explains the systems supported listed in the appropriate block below. Examples of the systems supported are AWG-10, ASB-12, AGA-4, G&C, etc.
- l. Description. Use this column for an appropriate symbol (i.e., D-1/D-2) that explains the data shown in the appropriate block below. The description should be brief but include such characteristics as size, heating and cooling systems, power ratings, internal configuration, etc.
- m. Model/Series. Self-explanatory.

n. Systems Supported. This block is used to define the type of systems supported by the mobile facility and is used as a legend to define the symbols used in the column labeled SYS SUP (i.e., S-1, S-2).

o. Description. This block is used to describe the physical dimensions and inherent capabilities of the various mobile facilities and is used as a legend to define the symbols used in the column labeled DESCRIPTION (i.e., D-1, D-2).

p. Remarks. This block provides space for the inclusion of additional comments as necessary.

10. NAVAIR Form 13100/12J, Weapon System Planning Data, Planning Factors/Flying Hours/Maintenance and Spare Parts Support Policy (Aircraft). NAVAIR Form 13100/12J will be completed using the following guidance:

a. Aircraft Model Designation. Enter the model designation of the applicable aircraft.

b. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.

c. Peacetime Planning Factors. Data for completing this section of the form are contained in reference (c), OPNAV Instruction 3110.11T, Policies and Peacetime Planning Factors Governing the Use of Naval Aircraft, and other applicable directives issued by OPNAV.

d. Flying Hours. Information for the flying hour section of this form is obtained from OPNAV, OP-20 Report. Monthly combat utilization rate data for Navy and Marine Corps assigned aircraft is obtained from OPNAV.

(1) Source of data must be indicated for peacetime flying hours.

(2) Care should be taken to ensure RDT&E data is excluded.

(3) The preprinted notes (1) and (2) on the form are intended to:

(a) explain discrepancies between actual utilization in a specific mission and the average utilization within an aircraft type, model, and series community; and

(b) identify the funding source for the data (which will be the current approved FYDP - January edition), and the originator of the data in OPNAV from which the WSPD data is derived.

e. Spare Parts Support Policy and Level of Maintenance Policy. Data to complete these sections are provided by AIR-4.1.



f. Remarks. The REMARKS section should be used for comments that clarify data contained in NAVAIR Form 13100/12J.

11. MALSP A, B, and C Forms. Data to complete these forms are provided by the United States Marine Corps Headquarters (USMCHQ), Code ASL. Use these forms for all USMC aircraft allowances/categories.

## WEAPON SYSTEM PLANNING DATA PROCUREMENT, INVENTORY, MILESTONES (AIRCRAFT)

AIRCRAFT MODEL DESIGNATION		PRIME CONTRACTOR		POWER PLANT (MODEL AND QUANTITY)		DATE PREPARED		7 Aug 83		AIRCRAFT	
SECTION A - PROCUREMENT		TOTAL ACCEPTANCE PRIOR TO:		(DATE)		(NUMBER)					
FISCAL YEAR		NUMBER		PROCUREMENT AUTHORITY		DELIVERY SCHEDULE					
						CY		JAN		FEB	
						MAR		APR		MAY	
						JUN		JUL		AUG	
						SEP		OCT		NOV	
						DEC		JAN		FEB	
						MAR		APR		MAY	
						JUN		JUL		AUG	
						SEP		OCT		NOV	
						DEC		JAN		FEB	
						MAR		APR		MAY	
						JUN		JUL		AUG	
						SEP		OCT		NOV	
						DEC		JAN		FEB	
						MAR		APR		MAY	
						JUN		JUL		AUG	
						SEP		OCT		NOV	
						DEC		JAN		FEB	
						MAR		APR		MAY	
						JUN		JUL		AUG	
						SEP		OCT		NOV	
						DEC		JAN		FEB	
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						SEP		OCT		NOV	
						DEC		JAN		FEB	
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						JUN		JUL		AUG	
						SEP		OCT		NOV	
						DEC		JAN		FEB	
						MAR		APR		MAY	
						JUN		JUL		AUG	
						SEP		OCT		NOV	
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						SEP		OCT		NOV	
						DEC		JAN		FEB	
						MAR		APR		MAY	
						JUN		JUL		AUG	
						SEP</					

# WEAPON SYSTEM PLANNING DATA TEST PROGRAM (AIRCRAFT)

[illegible]

## ABBREVIATIONS/SYMBOLS (DEFINITIONS)

NAVAIR FORM 13100/12B (REV 10-97 EXCEL)

7 Aug 03

(SEE NAVAIRINST 13100.11B)

## WEAPON SYSTEM PLANNING DATA ASSIGNMENTS AND BASE LOADING (HOMEPOROT/ROTATIONAL) (AIRCRAFT)

AIRCRAFT MODEL DESIGNATION

DATE PREPARED

7 Aug 03

BASE, ACTIVITY, OR UNIT	MAINTENANCE SUPPORT LEVEL	OPERATING QUANTITIES (AT END OF TIME PERIOD)																							
		CY			CY			CY			CY			CY			CY			CY			CY		
		I	IL	O	MAR	JUN	SEP	DEC	MAR	JUN	SEP	DEC	MAR	JUN	SEP	DEC	MAR	JUN	SEP	DEC	MAR	JUN	SEP	MAR	SEP
TOTAL OPERATING																									

INTERMEDIATE LEVEL SE AND PREPOSITIONED ORGANIZATIONAL LEVEL SE SHALL BE PLANNED AND PROVIDED FOR IN SUPPORT OF ALL NONDEPLOYING AC PLUS TWO-THIRDS OF ALL DEPLOYABLE AC THAT ARE SHOWN AT HOMEPOROT SITE. THIS RULE SHALL BE APPLIED TO SE REQUIREMENTS ONLY AFTER THE FIRST TWO SQUADRONS HAVE BEEN FULLY OUTFITTED AT ANY GIVEN SITE.

MARINE CORPS AIRCRAFT ARE EXCLUDED FROM THIS RULE.

FOR THOSE ACTIVITIES CAPABLE OF SECOND OR THIRD DEGREE MAINTENANCE, BUT WHICH ARE NOT SUPPORT SITES FOR THIS AIRCRAFT, SEE LATEST ISSUE OF NAVAIR NOTICE 4700, (GAS TURBINE ENGINE THREE DEGREES OF INTERMEDIATE MAINTENANCE; ACTIVITY ASSIGNMENTS FOR).

MAINTENANCE SUPPORT

LEVEL LEGEND:

I (INTERMEDIATE)

"2 OR 3" INDICATES DEGREE OF ENGINE MAINTENANCE.

FOR FIRST DEGREE SUPPORT SITES, SEE REWORK ACTIVITIES,

NAVAIR FORM 13100/12E.

IL (INTERMEDIATE LAND), O (ORGANIZATIONAL)

\*\*\* FOR ALL TYPES OF SUPPORT EQUIPMENT (SE) INCLUDING AVCAL SUPPORT.

" + " FOR PREPOSITIONED SE ITEMS THAT ARE TO BE MADE AVAILABLE TO THE SUPPORT ORGANIZATIONAL ACTIVITIES.

\* # " FOR ALL SE EXCEPT THOSE PREPOSITIONED.

PREVIOUS ISSUES OF THIS FORM ARE OBSOLETE.

7 Aug 03

(SEE NAVAIRINST 13100.11B)

**WEAPON SYSTEM PLANNING DATA ASSIGNMENTS AND BASE LOADING (HOMEPOROT/ROTATIONAL) (AIRCRAFT)**

AIRCRAFT MODEL DESIGNATION		DATE PREPARED		7 Aug 03																	
BASE, ACTIVITY, OR UNIT		MAINTENANCE SUPPORT LEVEL		OPERATING QUANTITIES (AT END OF TIME PERIOD)																	
		I		IL		O		CY		CY		CY		CY		CY		CY		CY	
		MAR		JUN		SEP		DEC		MAR		JUN		SEP		DEC		MAR		JUN	

## WEAPON SYSTEM PLANNING DATA ASSIGNMENTS AND BASE LOADING (CARRIER EMPLOYMENT) (AIRCRAFT)

AIRCRAFT MODEL DESIGNATION

DATE PREPARED

7 Aug 03

[illegible]

**MAINTENANCE SUPPORT  
LEVEL LEGEND:**

	I (INTERMEDIATE)
--	------------------

IV (INTERMEDIATE VESSEL), O (ORGANIZATIONAL)

"" FOR ALL ITEMS OF SUPPORT EQUIPMENT (SE).

FOR ALL ITEMS OF COST LESS THAN \$250 (SEE " " FOR PREPOSITIONED SE ITEMS THAT ARE TO BE MADE AVAILABLE

FOR THEIR POSITIONED OFFERING WITHIN THE MARKET  
TO THE SUPPORT ORGANIZATIONAL ACTIVITIES.

" ♣ " FOR ALL SE EXCEPT THOSE PREPOSITIONED.

LEGEND:

LEGEND:

"DDD"

—

材料

11



**CV/CVN DEPLOYMENT.**

SRA/COH/RCOH.

NEW CONSTRUCTION.

AVCAL/IMRL SUPPORT DATE:

DATE THAT INSTALLED-TYPE ITEMS OF SE ARE REQUIRED  
AT THE SHIPYARD FOR INSTALLATION.

7 Aug 03

## WEAPON SYSTEM PLANNING DATA NAVAIR DEPOT ACTIVITIES (AIRCRAFT)

AIRCRAFT MODEL DESIGNATION		Date Prepared		7 Aug 03		
AIRFRAME REWORK ACTIVITIES		ENGINE REWORK ACTIVITIES*				
ACTIVITY	DATE (MO/YR)	CODE	MODEL/SERIES	ENGINE MODEL NO.	ENGINE SERIES/CODE	DATE
SELF-START SYSTEMS (APU/APPI/GTS) REWORK ACTIVITIES						
ACTIVITY	SYSTEM MANUFACTURER/MODEL	DATE (MO/YR)	CODE	MODEL/SERIES	ACTIVITY	DATE
NOTE(S):						
* INCLUDE REGULAR OVERHAUL AND FIRST DEGREE MAINTENANCE ACTIVITIES. SEE NAVAIR FORMS 13100/12C, 13100/12C-1 AND 13100/12D FOR SECOND AND THIRD DEGREE ACTIVITIES.						
** ACTIVITIES WITH THE CAPABILITY OF SUPPORTING THE DESIGNATED ENGINE BUT NOT SUPPORT SITES FOR THIS AIRCRAFT MODEL.						
COMPONENT REWORK ACTIVITIES		DATE (MO/YR)	CODE	MODEL/SERIES	CODE	
ACTIVITY	ITEM					
					CD	CRASH DAMAGE
					CER	COMPLETE ENGINE REPAIR
					CFA	COGNIZANT FIELD ACTIVITY
					CO	COMPONENT OVERHAUL
					CR	COMPONENT REPAIR
					DRP	DESIGNATED REWORK POINT
					FD	FIRST DEGREE MAINTENANCE
					OH	ENGINE OVERHAUL
					SD	STANDARD DEPOT LEVEL MAINTENANCE (INCLUDES CRASH DAMAGE, MODIFICATION AND CONVERSION)
					DM	DEPOT MAINTENANCE (INCLUDES SD, PLUS CORROSION AND AGE EXPLORATION)

7 Aug 03

(SEE NAVAIRINST 13100.11B)

## WEAPON SYSTEM PLANNING DATA TRAINING POLICY AND EQUIPMENT (AIRCRAFT)

AIRCRAFT MODEL DESIGNATION										DATE PREPARED													
										7 Aug 03													
MAINTENANCE TRAINING EQUIPMENT					OPERATOR TRAINING EQUIPMENT																		
TRAINER NO.	NAMT DET NO.	TRAINING SITE	PROCURE DATE	READY FOR TRAINING DATE	MODEL/SERIES	TRAINER NO.	AVG MONTHLY HOURS	TYPE TRAINER/ TRAINING SITE	PROCURE DATE	READY FOR TRAINING DATE	MODEL/SERIES												
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%) rotate(-45deg); opacity: 0.3; font-size: 100px; pointer-events: none;">             STAFFMASTER           </div>																							
PERSONNEL TRAINING POLICY																							
REMARKS																							

 LEGEND: \* ON-SITE \*\* READY  
 NAVAIR FORM 13100/12H (REV 10-97 Excel)



(SEE NAVAIRINST 13100.11B)

WEAPON SYSTEM PLANNING DATA MOBILE FACILITY (AIRCRAFT)												
AIRCRAFT MODEL DESIGNATION				TOTAL PROCUREMENT QUANTITY				DATE PREPARED				
AIRCRAFT MODEL DESIGNATION				TOTAL PROCUREMENT QUANTITY				7 Aug 03				
AIRFRAME REWORK ACTIVITIES				OPERATOR TRAINING EQUIPMENT								
PROCUREMENT		COMMAND CUSTODY	LOCATION	DELIVERY		MAINT. LEVEL		ACFT QTY	CATEGORY	SYS SUP	DES. CRIP-TION	MODEL/SERIES
FY	QTY			MO/YR	QTY	IL	O					
SYSTEM SUPPORTED												
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%) rotate(-45deg); opacity: 0.5; font-size: 100px; pointer-events: none;">SAMPLE</div> </div>												
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SEE NAVAIBINST 13100-11B)

## WEAPON SYSTEM PLANNING DATA PLANNING FACTORS/FLYING HOURS/MAINTENANCE AND SPARE PARTS SUPPORT POLICY (AIRCRAFT)

AIRCRAFT MODEL DESIGNATION

DATE PREPARED

7 Aug 03

PEACETIME PLANNING FACTORS										FLYING HOURS (SEE NOTES 1 AND 2)			
MODEL/ SERIES	OPERATING SERVICE NOS/ HRS PER PERIOD	NON-OPERATING MOS/ STD. & SP'L RVK MOS. PER OPER. PERIOD	AUTHORIZED OPERATING SERVICE LIFE - MONTHS	INSPECT. INTERVAL	NOTES	MODEL/SERIES	FISCAL YEAR						
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						
								NAVY					
								MARINE					
							AVERAGE MONTHLY UTILIZATION PER AIRCRAFT*						
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							TOTAL PROGRAM HOURS (THOUSANDS)*						
							MONTHLY COMBAT UTILIZATION RATE**						

REMARKS

NOTE(S):

NUMBER OF FLIGHTS WITH IZATION PER AIRCRAFT - REPRESENTS AVERAGE OF ALL OPERATING AIRCRAFT: THEREFORE SHOULD BE USED

ONLY AS A GENERAL GUIDE FOR DRAINING PURPOSES. NOT FOR EXECUTION OF THE DON FLYING HOUR PROGRAM.

ALL ANALYTICAL DATA IS BASED UPON THE DON ELI YING HOUR PROJECTION SYSTEM (OP-20 REPORT, VERSION XXXX, FY-XX PRESBUD).

...SOURCES TO PHOTO MOUNT OF NEGATIVES WITH THE PRIMARY SOURCE OF THE DATA IN THE OFFICE OF THE CNO, N78CF, DSN 664-7719.

PLEASE REPEAT ALL CITATION DATES REFER TO ODN/AVI TO 42100 SER N8800310165663861 OF 4-17-86 OR LATEST REVISION.

PREVIOUS ISSUES OF THIS FORM ARE OBSOLETE.

WEAPONS SYSTEMS PI ANNING DATA - MARINE AVIATION LOGISTICS SUPPORT PROGRAM (MALSP) ALLOWANCE CATEGORIES/ALLOWANCES

7 Aug 03

AIRCRAFT MODEL DESIGNATION

ALLOWANCE	CATEGORY
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NOTES/REMARKS: Definitions of the MALSP allowance categories are provided within the "General Notes".



(SEE NAVAIRINST 13100.11B)

WEAPONS SYSTEMS PLANNING DATA - MARINE AVIATION LOGISTICS SUPPORT PROGRAM (MALSP) ALLOWANCE CATEGORIES/ALLOWANCES

AIRCRAFT MODEL DESIGNATION

DATE PREPARED

7 Aug 03

ELPMAS

INSTRUCTIONS FOR PREPARATION OF  
WEAPON SYSTEM PLANNING DOCUMENTS  
(AIRBORNE MISSILES, TARGETS, ORDNANCE, AND OTHER SYSTEMS)

1. Format

a. Identification. NAVAIRNOTE 13100 will be identified on all pages of the WSPD, (followed by other applicable identification), designation, security classification (if classified, normally to be no higher than CONFIDENTIAL), and date of preparation. The DATE PREPARED block on each form will be left blank during the Naval Air Systems Command Headquarters (NAVAIRHQ), PEO and OPNAV review cycle. During the review cycle, the date of the draft will be marked on the cover page only. Upon final approval, the DATE PREPARED block on each form will be completed using the date of formal WSPD signature.

b. Content. All WSPDs will include a cover page (including the appropriate security classification and declassification information (if applicable)), table of contents, listing of significant points of contact, glossary of acronyms, a general description (including approval for production status), illustrations, procurement and delivery schedules, base loading data, component procurement plan (if applicable), planning factors, material support, support equipment planned allocation (if appropriate), and applicable NAVAIR Forms 13100/13A through 13100/13G. All pages will be numbered consecutively.

c. Forms. The eight forms used for airborne missiles, targets, ordnance, and other system WSPDs will be NAVAIR Forms 13100/13A through 13100/13G. These forms will be utilized as appropriate; therefore, not all WSPDs will contain all of these forms.

2. NAVAIR Form 13100/13A, Weapon System Planning Data, Procurement and Status of Complete Weapon (Airborne Missiles, Targets, Ordnance, and Systems). Enter on this form only data for a complete, ready for issue item. If only components of a weapon are being procured, use the component procurement plan schedule.

a. Weapon. Indicate the proper nomenclature of the weapon under consideration.

b. Unit of Measure. Indicate the quantity of weapons represented by the identification shown; i.e., each, thousands, etc.

c. Date Prepared. Enter the WSPD approval date (date the WSPD is formally signed). See paragraph 1a above.

d. Section A - Procurement of Complete Weapon

(1) Fiscal Year. Enter the current FYDP years as appropriate.

Encl (2)

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(2) Number. Enter the approved procurement quantities from the FYDP or current material planning study.

(3) Procurement Authority. For the current and prospective FY's, list appropriation funding (RDT&E, Weapons Procurement, Navy (WPN), Other Procurement, Navy (OPN), or other appropriate authority for the proposed buy).

(4) Delivery Schedule. List the approved delivery schedule by CY and month for the complete weapon.

e. Section B - Summary Status of Complete Weapon (at end of period). The figures entered in this section should agree with those on NAVAIR Form 13100/13B ASSIGNMENTS AND BASE LOADING (Airborne Missiles, Targets, Ordnance, and Systems). The time period to be used is FY's.

(1) Gross Assets. Enter total of complete weapon deliveries during the period plus prior period assets. The figures shown on the line should represent gross assets at the end of each FY.

(a) Deliveries During Period. Enter production deliveries of the complete weapon for the applicable FY time periods. The figures on this line should agree with what is shown in the delivery schedule in section A.

(b) Prior Period Net Assets. For a weapon currently in production, enter the current net assets at the end of the period preceding the first period shown. This data may be obtained from the current Material Planning Study. For subsequent periods repeat the net assets from the prior period, line 3.

(2) Expenditures. Enter total of lines 2a through 2g.

(a) RDT&E Testing. Enter total weapon expenditures. Do not include operational evaluation (OPEVAL) expenditures.

(b) OPEVAL/Naval Test Expenditures (NTE). Enter total weapon OPEVAL and NTE of weapons.

(c) Production Monitoring. Enter production funded weapon expenditures for statistical quality control or proof firing.

(d) Annual Training Allowed. Enter planned fleet training expenditures.

(e) Fleet Support. Enter other planned peacetime allowances (demonstrations, overall systems tests, etc.).

(f) Other. Use as appropriate (transfers, stock adjustments, etc.).

(3) Net Assets. Enter assets remaining at end of time period (gross assets minus expenditures).

(4) Distribution of Net Assets. Identify allocation of net assets as follows:

(a) Pipeline. Quantities shown on this line are in support of depot level maintenance and are computed as a percentage (normally 15 percent) of net assets, although this percentage may vary for different weapon systems. This pipeline percentage is constant through the life of the weapon system.

(b) Shipfills/Magazines (MAGs). Enter quantity required (or available) to fill afloat MAG requirements for combatants and mobile logistics support forces.

(c) Storage. Enter quantity of weapon systems in a storage status.

(5) Inventory Objective. For all applicable weapon systems, the appropriate PMA/PEO will provide a recommended Inventory Objective and Base Loading quantity to the OPNAV resource sponsor for approval.

(a) Percent Inventory Objective. Enter percent of inventory objective achieved at end of time period (net assets divided by inventory objective).

(6) Remarks. For appropriate comments and footnotes. A reference to the origin of official documents used as a data source should be made here (e.g., PMA, PEO, CNO requirements, etc.).

3. NAVAIR Form 13100/13A-1, Weapon System Planning Data, Procurement and Status of Complete Weapon (Airborne Missiles, Targets, Ordnance, and Systems) - Section A - Procurement of Complete Weapon. This form will be used as a continuation sheet to NAVAIR Form 13100/13A. Instructions presented in paragraphs 2a through 2d above.

4. NAVAIR Form 13100/13B, Weapon System Planning Data, Assignments and Base Loading (Airborne Missiles, Targets, Ordnance, and Systems).

a. Weapon. Enter the proper nomenclature of the applicable weapon.

b. Unit of Measure. Define the unit of measure (e.g., single units (each), hundreds, thousands, etc.) used in conjunction with the quantities listed under QUANTITIES OF WEAPONS columns in this form.

c. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.



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d. Base, Activity or Unit. Enter the detailed assignment or base loading of expenditures and net assets to bases, activities, squadrons, and ships by FY's. Total expenditures and assets must agree with those shown on NAVAIR Form 13100/13A. Assignment of the weapon to operating commands and individual squadrons or ships will be made following applicable OPNAV planning directives, current approved aircraft or ship planning data, and/or consultation with assignment personnel in OPNAV. When preparing this form, the same basis should be used for all figures to ensure compatibility of planning data. For example, if the expenditures and assets of an air-launched missile program are based on the FYDP, the assignment of these data should be based on the bases, activities, or units in the FYDP. Exceptions to this general rule must be clearly noted. RDT&E funded and production funded assets and expenditures must be summarized separately.

e. Maintenance Support Level. Indicate for each base, activity or unit the maintenance support level following the legend at the bottom of the form.

f. Quantities of Weapons and Time Periods. Enter time period (FY or CY) and weapon quantities, as appropriate.

5. NAVAIR Form 13100/13C, Weapon System Planning Data, Component Procurement Plan (Airborne Missiles, Targets, Ordnance, and Systems).

a. Weapon or Component. Enter the proper nomenclature of applicable weapon or weapon component (if addressed separately).

b. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.

c. Component. Enter name of major component.

d. Fiscal Year and Quantity. Enter the current FY and subsequent budget years and show only last two digits. Also, enter the approved procurement quantities from the FYDP, Acquisition Plan, or other appropriate document. List RDT&E and production quantities separately.

e. Funds. Denote with an "X" the quantities procured with RDT&E funds. For the quantities funded with production funds, enter the proper appropriation; i.e., WPN or OPN.

f. Developing Activity. List the activity with prime responsibility for weapon development.

g. First, Second, and Third Sources. Indicate the various sources and the quantity of the total procurement to be produced. For future procurements where sources cannot be listed, indicate if competitive procurement and the number of sources planned.

6. NAVAIR Form 13100/13D, Weapon System Planning Data, Planning Factors (Airborne Missiles, Targets, Ordnance, and Systems).

a. Weapon or Component. Enter the proper nomenclature of the applicable weapon or component (if addressed separately).

b. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.

c. Requiring Document. Enter the current OPNAV document which establishes the requirement for the weapon system.

d. Aircraft and Ships. Enter pertinent data such as aircraft type, model, and ship class, configured and approved to fire weapon system.

e. Shipfill. List average planned shipfill for each class of ship authorized to carry weapon. Include replenishment ships if data available.

f. Training. Enter training factors for aircraft squadron level, pilot training, weapon training allowance, ships training, etc.

g. Pipeline. Enter accepted percentage or number in pipeline during production, rework, overhaul, etc. The pipeline percentage or number will be consistent with that shown in section B of NAVAIR Form 13100/13A.

h. Reliability. This information will depend on the stage of the weapons development. If it is still in the RDT&E stage, include the design objectives. After the weapon is procured under a production contract, list the contract or weapon reliability specifications (goals and actuals).

i. Shelf Life. Same considerations as in paragraph 6a above.

7. NAVAIR Form 13100/13E, Weapon System Planning Data, Material Support (Airborne Missiles, Targets, Ordnance, and Systems).

a. Weapon or Component. Enter the proper nomenclature of the applicable weapon or component (if addressed specifically).

b. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.

c. Maintenance Cycle. Enter a statement regarding the periodic checkout and rework level for the weapon. If the maintenance cycle has been documented, list the document.

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d. Personnel Training Policy. Enter pertinent comments regarding who will be trained to operate and maintain the weapon, where training is available (Naval Air Maintenance Training Unit (NAMTRAU), Fleet Replacement Enlisted Skills Training (FREST), etc.) and other training policy.

e. Spare Parts Support Policy. Enter provisioning spare parts support policy for various levels of support for weapons or components.

f. Support Equipment Requirements. Certain weapons may require peculiar/unique support equipment and/or modifications to ships or aircraft. All required ship modifications shall be coordinated with PMA251. Enter these requirements in this space.

g. Facilities and Special Tooling. For all facilities, including afloat facilities, enter statements pertaining to existing maximum production capability and facilities, required maximum production capability and facilities, and special tooling needed to support the approved procurement program.

8. NAVAIR Form 13100/13F, Weapon System Planning Data, Periodic Checkout and Rework (Airborne Missiles, Targets, Ordnance, and Systems).

a. Weapon. Enter proper nomenclature of the applicable weapon.

b. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.

c. Maintenance Level. Enter the three maintenance levels: (1) organizational, (2) intermediate, and (3) depot. Opposite each maintenance level, state the type of maintenance (GO-NO-GO test, visual, etc.) for each principal component. Six blank columns have been provided for components; i.e., guidance and control, rocket motor, warhead, etc.

9. NAVAIR Form 13100/13G, Weapon System Planning Data Support Equipment Planned Allocation (Airborne Missiles, Targets, Ordnance, and Systems)

a. Weapon or Component. Enter proper nomenclature of the applicable weapon.

b. Date Prepared. Enter the WSPD approval date (i.e., date the WSPD is formally signed). See paragraph 1a above.

c. Activity. Enter the activities planned to receive peculiar or unique SE, retrofit kits, and aircraft kits required in order to complete weapon systems.

d. Type Designation, Quantity and Date Material will be Shipped. Enter the type designation, planned quantity, and approximate date (month/year) of peculiar or unique support equipment that will be shipped.

WEAPON SYSTEM PLANNING DATA PROCUREMENT AND STATUS OF COMPLETE WEAPON (AIRBORNE MISSILE, TARGETS, ORDNANCE AND SYSTEMS)

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## SECTION A - PROCUREMENT OF COMPLETE WEAPON

[illegible]

SECTION B - SUMMARY STATUS OF COMPLETE WEAPON (AT END OF PERIOD)

	TIME PERIOD
1. GROSS ASSETS	
a. DELIVERIES DURING PERIOD	
b. PRIOR PERIOD NET ASSETS	
2. EXPENDITURES	
a. RDT&E TESTING	
b. OPEVAL/NTE	
c. PRODUCTION MONITORING	
d. ANNUAL TRAINING ALLOWED	
e. FLEET SUPPORT	
f. OTHER	
g.	
3. NET ASSETS	
4. DISTRIBUTION OF NET ASSETS	
a. PIPELINE	
b. SHIPFILLS	
c. STORAGE	
5. INVENTORY OBJECTIVE	
a. PERCENT INVENTORY OBJECTIVE	
REMARKS	

REMARKS

**(SEE NAVAIRINST 13100.11B)**

[illegible]

**PREVIOUS ISSUES OF THIS FORM ARE OBSOLETE**

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(SEE NAVAIRINST 13100.11B)

WEAPON SYSTEM PLANNING DATA, COMPONENT PROCUREMENT PLAN (AIRBORNE MISSILES, TARGETS, ORDNANCE AND SYSTEMS)									
WEAPON OR COMPONENT									
COMPONENT	FY	QUANTITY	FUNDS		DEVELOPING ACTIVITY	FIRST SOURCE	SECOND SOURCE	THIRD SOURCE	DATE PREPARED 7 Aug 03
			RD&E	PROD.					
<div style="transform: rotate(-45deg); font-size: 100px; opacity: 0.5;">           UNCLASSIFIED         </div>									

PREVIOUS ISSUES OF THIS FORM ARE OBSOLETE.

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NAVAIR FORM 13100.13C (REV 10-97 EXCEL)

7 Aug 03

(SEE NAVAIRINST 13100.11B)

## WEAPON SYSTEM PLANNING DATA, PLANNING FACTORS (AIRBORNE MISSILES, TARGETS, ORDNANCE AND SYSTEMS)

DATE PREPARED

7 Aug 03

WEAPON

REQUIRING DOCUMENT

AIRCRAFT

SHIPS

SHIPFILL

TRAINING

PIPELINE

RELIABILITY

SHELF LIFE

EXPIRES

PREVIOUS ISSUES OF THIS FORM ARE OBSOLETE.



7 Aug 03

(SEE NAVAIRINST 13100.11B)	
WEAPON SYSTEM PLANNING DATA MATERIAL SUPPORT (AIRBORNE MISSILES, TARGETS, ORDNANCE AND SYSTEMS)	
WEAPON OR COMPONENT	DATE PREPARED 7 Aug 03
MAINTENANCE CYCLE	
PERSONNEL TRAINING POLICY	
SPARE PARTS SUPPORT POLICY	
SUPPORT EQUIPMENT REQUIREMENTS	
FACILITIES AND SPECIAL TOOLING	

PREVIOUS ISSUES OF THIS FORM ARE OBSOLETE

(SEE NAVAIRINST 13100.11B)

**WEAPON SYSTEM PLANNING DATA, PERIODIC CHECKOUT AND REWORK (AIRBORNE MISSILES, TARGETS, ORDNANCE AND SYSTEMS)**  
(FILL IN FOR PRINCIPAL COMPONENTS)

DATE PREPARED

7 Aug 03

WEAPON

## MAINTENANCE LEVEL

**PREVIOUS ISSUES OF THIS FORM ARE OBSOLETE.**

PAGE 13

NAVAIR FORM 13100.13F (REV 10-97 EXCEL)

(SEE NAVA/RINST 13100.11B)

**WEAPON SYSTEM PLANNING DATA. SUPPORT EQUIPMENT PLANNED ALLOCATION (AIRBORNE MISSILES, TARGETS, ORDNANCE AND SYSTEMS)**

WEAPON OR COMPONENT

DATE PREPARED

7 Aug 03

[illegible]

PREVIOUS ISSUES OF THIS FORM ARE OBSOLETE.

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NAVAIR FORM 13100.13G (REV 10-97 EXCEL)